



Rec'd PCT/PTO 24 JAN 2005 # 4

Attorney Docket No. 21415-0014

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) Ranjeny THOMAS et al.

Confirmation No. 1436

Appl. No.: 10/524,539

Examiner: Unassigned

Filing Date: February 14, 2005

Art Unit: Unassigned

Title: IMMUNOMODULATING COMPOSITIONS, PROCESSES FOR THEIR PRODUCTION AND USES THEREFOR

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56 and 37 CFR §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08A is a listing of documents known to applicants in order to comply with applicants' duty of disclosure pursuant to 37 C.F.R. §1.56 and §1.97. A copy of each of the listed documents are being submitted to comply with the provisions of 37 C.F.R. §1.97-1.99.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or is considered to be material to patentability as defined in 37 C.F.R. §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

The PTO did not receive the following listed item(s) - none sent NPL's

2
12/11/01
12/11/01

RELEVANCE

The relevance of the documents cited on the attached Form SB/08A are described in the present specification.

Document A129 was cited in an earlier Information Disclosure Statement filed by Applicants. Thus, no copy is being provided at this time.

These documents came to the Applicants' attention during a search of the corresponding international application. A copy of the International Search Report setting forth the portion of each reference considered relevant by the examiner is attached.


TIMING/FEE

The instant Information Disclosure Statement is being filed in compliance with 37 CFR §1.97(b) prior to the mailing date of the first official action, therefore, no fee is required in connection with its filing. However, the Commissioner is hereby authorized to charge any deficiency or to credit any overpayment to Deposit Account No. 08-1641.

Applicants respectfully request that the listed documents be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08A be returned in accordance with M.P.E.P. §609.

Respectfully submitted,

January 24, 2006
Date



HELLER EHRMAN LLP
1717 Rhode Island Avenue, NW
Washington, D.C. 20036
Phone: 202-912-2000
Fax: 202-912-2020

Paul M. Booth
Reg. No. 40,244
Attorney for Applicant

Customer No. 26633

Please type a plus sign (+) inside this box ☒ PTO/SB/088 (08-00)



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 12

Complete if Known

Application Number	10/524,539
Filing Date	February 14, 2005
First Named Inventor	Ranjeny THOMAS et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	21415-0014US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A01	Anton, D., Dabadghao, S., Palucka, K., Hoim, G. & Yi, Q. (1998). Generation of dendritic cells from peripheral blood adherent cells in medium with human serum. <i>Scand J Immunol</i> 47, 116-121	
	A02	Albert ML, Sauter B, Bhardwaj N. (1998). Dendritic cells acquire antigen from apoptotic cells and induce class I-restricted CTLs. <i>Nature</i> 392(6671), 86-89	
	A03	Araki, H., Katayama, N., Mitani, H., Suzuki, H., Nishikawa, H., Masuya, M., Ikuta, Y. Hoshino, N., Miyasluta, H., Nishii, K., Minami, N. & Shiku, H. (2001). Efficient ex vivo generation of dendritic cells from CD14+ blood monocytes in the presence of human serum albumin for use in clinical vaccine trials. <i>Br J Haematol</i> 114, 681-689	
	A04	Ardavin, C., Wu, L., Li, C. L., and Shortman, K. (1993). Thymic dendritic cells and T cells develop simultaneously in the thymus from a common precursor population, <i>Nature</i> 362, 761-763	
	A05	Bai, L., Feuerer, M., Beckhove, P., Umansky, V. & Schirmmacher, V. (2002). Generation of dendritic cells from human bone marrow mononuclear cells: advantages for clinical application in comparison to peripheral blood monocyte derived cells. <i>Int. J Oncol</i> 20, 247-53	
	A06	Baldwin, A. S., Jr. (1996). The NF-kappa B and I kappa B proteins: new discoveries and insights, <i>Annu Rev Immunol</i> 14, 649-683	
	A07	Banchereau, J., Briere, F., Caux, C., Davoust, J., Lebecque, S., Liu, Y. J., Pulendran, B., and Palucka, K. (2000). Immunobiology of dendritic cells, <i>Annu Rev Immunol</i> 18, 767-811	
	A08	Basham, T., Smith, W., Lanier, L., Morhenn, V. & Merigan, T. (1984). Regulation of expression of class II major histocompatibility antigens on human peripheral blood monocytes and langerhans cells by interferon. <i>Human Immunology</i> 10, 83-93	
	A09	Battye, F.L. & Shortman, K. (1991). Flow cytometry and cell-separation procedures. [Review]. <i>Curr. Opin. Immunol.</i> 3, 238-241	
	A10	Bouchon, A., Facchetti, F., Weigand, M. A., and Colonna, M. (2001a). TREM-1 amplifies inflammation and is a crucial mediator of septic shock, <i>Nature</i> 410, 1103-1107	
	A11	Bouchon, A., Hernandez-Munain, C., Celia, M., and Colonna, M. (2001b). A DAP12-mediated pathway regulates expression of CC chemokine receptor 7 and maturation of human dendritic cells, <i>J Exp Med</i> 194, 1111-1122	

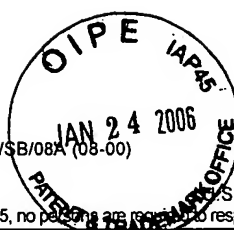
Examiner
Signature

Date
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ☐ PTO/SB/08A (08-00)



Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 12

Complete if Known

Application Number	10/524,539
Filing Date	February 14, 2005
First Named Inventor	Ranjeny THOMAS et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	21415-0014US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A12	Buhlmann, J. E., Foy, T. M., Aruffo, A., Crassi, K. M., Ledbetter, J. A., Green, W. R., Xu, J. C., Shultz, L. D., Roopesian, D., Flavell, R. A., and et al. (1995). In the absence of a CD40 signal, B cells are tolerogenic, <i>Immunity</i> 2, 645-653	
	A13	Burkly, L., Hession, C., Ogata, L., Reilly, C., Marconi, L. A., Olson, D., Tizard, R., Cate, R., and S Lo, D. (1995). Expression of relB is required for the development of thymic medulla and dendritic cells, <i>Nature</i> 373, 531-536	
	A14	Caamano, J., Alexander, I., Craig, L., Bravo, R., and Hunter, C. A. (1999). The NF-kappa B family member RelB is required for innate and adaptive immunity to <i>Toxoplasma gondii</i> , <i>J Immunol</i> 163,4453-61	
	A15	Caux, C., Massacrier, C., Vanbervliet, B., Dubois, B., van Kooten, C., Durand, I., and Banchereau, J. (1994). Activation of human dendritic cells through CD40 cross-linking, <i>J Exp Med</i> 180, 1263-1272	
	A16	Cavanagh LL, Saal RI, Grimmett KL, Thomas R. (1998). Proliferation in monocyte-derived dendritic cell cultures is caused by progenitor cells capable of myeloid differentiation. <i>Blood</i> 92(5), 1598-1607	
	A17	Cella, M., Scheidegger, D., Palmer Lehmann, K., Lane, P., Lanzavecchia, A., and Alber, G. (1996); Ligation of CD40 on dendritic cells triggers production of high levels of interleukin-12 and enhances T cell stimulatory capacity: T-T help via APC activation, <i>J Exp Med</i> 184, 747-752	
	A18	Chen, B., Stiff P., Sloan, G., Kash, J., Manjunath, R., Pathasarathy, M., Oldenburg, D., Foreman, K.E. & Nickoloff, B.J. (2001). Replicative response, Immunophenotype, and functional activity of monocyte-derived versus CD34(+)-derived dendritic cells following exposure to various expansion and maturational stimuli. <i>Clin Immunol</i> 98, 280-292	
	A19	Clark, R.B. (2002). The role of PPARs in inflammation and immunity. <i>J Leukoc Biol</i> , 71, 388-400	
	A20	Cobbold, S., and Waldmann, H. (1998). Infectious tolerance, <i>Curr Opin Immunol</i> 10, 518-524	
	A21	Corinti S, Medaglini D, Cavani A, Rescigno M, Pozzi G, Ricciardi-Castagnoli P, Girolomoni O. (1999). Human dendritic cells very efficiently present a heterologous antigen expressed on the surface of recombinant gram-positive bacteria to CD4+ T lymphocytes. <i>J Immunol</i> 163(6), 3029-3036	
	A22	Cottrez, F., Hurst, S. D., Coffman, R. L., and Groux, H. (2000). T regulatory cells I inhibit a Th2-specific response in vivo, <i>J Immunol</i> 165, 4848-4853	
	A23	Davis, L.S., McIlraith, M.J., Paecheo, T., Becker, B., Adix, L.M., Thomas, R., Wacholtz, M.C. & Lipsky, P.E. (1994). Assessment of a positive selection technique using an avidin column to isolate human peripheral blood T cell subsets. <i>J Immunol Meth</i> 175, 247-257	

Examiner
Signature

Date
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ☐ PTO/SB/08A (08-00)



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are to be subjected to a collection of information unless it contains a valid OMB control number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/524,539
		Filing Date	February 14, 2005
		First Named Inventor	Ranjeny THOMAS et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet 3 of 12	Attorney Docket Number	21415-0014US	

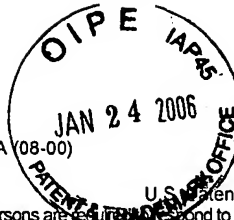
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A24	de Jong, E. C., Vieira, P. L., Kalinski, P., and Kapsenberg, M. L. (1999) Corticosteroids inhibit the production of inflammatory mediators in immature monocyte-derived DC and induce the development of tolerogenic DC3, J Leukoc Biol 66, 201-204	
	A25	del Hoyo, G.M., Martin, P., Vargas, H.H., Ruiz, S., Arias, C.F. & Ardavin, C. (2002). Characterization of a common precursor population for dendritic cells. Nature 415, 1043-1047	
	A26	Dhodapkar, M. V., Steinnian, R. M., Krasovsky, J., Munz, C., and Bhardwaj, N. (2001). Antigen-specific inhibition of effector T cell function in humans after injection of immature dendritic cells, J Exp Med 193, 233-238	
	A27	Diehl, L., Den Boer, A. T., van der Voort, E. I., Melief, C. J., Offringa, R., and Toes, R. E. (2000). The role of CD40 in peripheral T cell tolerance and immunity, J Mol Med 78, 363-371	
	A28	Erickson-Miller, C.L., Brennan, J.K. & Abboud, C.N. (1990). Examination of survival, proliferation and cell surface antigen expression of human monocytes exposed to macrophage colony-stimulating factor (M-CSF). Int J Cell Cloning 8, 346-356	
	A29	Farkas, L., Beiske, K., Lund-Johansen, F., Brandtzaeg, P. & Jahnsen, F.L. (2001). Plasmacytoid Dendritic Cells (Natural Interferon- alpha/beta-Producing Cells) Accumulate in Cutaneous Lupus Erythematosus Lesions. Am J Pathol 159, 237-243	
	A30	Fearnley, D.B., Whyte, L.F., Carnoutsos, S.A., Cook, A.H. & Hart, D.N. (1999). Monitoring human blood dendritic cell numbers in normal individuals and in stem cell transplantation. Blood 93, 728-736	
	A31	Feldmann, M. (2001). Pathogenesis of arthritis: recent research progress, Nat Immunol 2, 771-773	
	A32	Feldmann, M., and Maini, R. N. (2001). Anti-TNFa therapy of rheumatoid arthritis: What have we learned?, Annu Rev Immunol 19, 163-196	
	A33	Feuerstein, B., Berger, T.G., Maczek, C., Roder, C., Schreiner, D., Hirsch, U., Haendle, I., Leisgang, W., Glaser, A., Kuss, O., Diepgen, T.L., Schuler, G. & Schuler-Thumner, B. (2000). A method for the production of cryopreserved aliquots of antigen-preloaded, mature dendritic cells ready for clinical use. J Immunol Methods 245, 15-29	
	A34	Fleming, W.H., Mulcahy, J.M., McKearn, I.P. & Streeter, P.R. (2001). Progenipoietin-l: a multifunctional agonist of the granulocyte colony- stimulating factor receptor and fetal liver tyrosine kinase-3 is a potent mobilizer of hematopoietic stem cells. Exp Hematol 29, 943 - 951	
	A35	Freudenthal, P.S. & Steinman, R.M. (1990). The distinct surface of human blood dendritic cells, as observed after an improved isolation method. Proc Natl Acad Sci U S A 87, 7698-7701	

Examiner Signature	Date Considered
--------------------	-----------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ☐ PTO/SB/08A (08-00)



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

+

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/524,539
				Filing Date	February 14, 2005
				First Named Inventor	Ranjeny THOMAS et al.
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
(use as many sheets as necessary)				Attorney Docket Number	21415-0014US
Sheet	4	of	12		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A36	Gao, J. X., Madrenas, J., Zeng, W., Cameron, M. J., Zhang, Z., Wang, I. J., Zhong, It, and Grant, D. (1999). CD40-deficient dendritic cells producing interleukin- 10, but not interleukin- 12, induce T-cell hyporesponsiveness in vitro and prevent acute allograft rejection. <i>Immunology</i> 98, 159-170	
	A37	Garderet, L., Cao, H., Salamero, J., Verge, V., Tisserand, E., Scholl, S., Gorin, N.C. & Lopez, M. 10 (2001). In vitro production of dendritic cells from human blood monocytes for therapeutic use. <i>J Hematother Stem Cell Res</i> 10, 553-567	
	A38	Geissmann, F., Prost, C., Monnet, J.P., Dy, M., Brousse, N. & Hermine, O. (1998). Transforming growth factor beta 1, in the presence of granulocyte/macrophage colony-stimulating factor and interleukin 4, induces differentiation of human peripheral blood monocytes into dendritic Langerhans cells, <i>J Exp Med</i> , 187, 961-966	
	A39	Giannoukakis, N., Bonham, C. A., Qian, S., Zhou, Z., Peng, L., Harnaha, J., Li, W., Thomson, A. W., Fung, 3. J., Robbins, P. D., and Lu, L. (2000). Prolongation of cardiac allograft survival using dendritic cells treated with NP-kB decoy oligodeoxyribonucleotides, <i>Mol Ther</i> 1, 430-437	
	A40	Goodnow, C. C. (2001). Pathways for self-tolerance and the treatment of autoimmune diseases, <i>Lancet</i> 357, 2115-2121	
	A41	Gregori, S., Casorati, M., Amuchastegui, S., Smirolto, S., Davalli, A. M., and Adorri, L. (2001). Regulatory T cells induced by lalpha,25-dihydroxyvitamin d(3) and mycophenolate mofetil treatment mediate transplantation tolerance, <i>J Immunol</i> 167, 1945-1953	
	A42	Griffin, M. D., Lutz, W., Phan, V. A., Bachman, L. A., McKean, D. 3., and Kumar, R. (2001). Dendritic cell modulation by 1 alpha,25 dihydroxyvitamin D3 and its analogs: a vitamin D receptor-dependent pathway that promotes a persistent state of immaturity in vitro and in vivo, <i>Proc Natl Acad Sci USA</i> 98, 6800-6805	
	A43	Groopman, J.E., Mitsuyasu, R.T., DeLeo, M.J., Oette, D.H. & Golde, D.W. (1987). Effect of recombinant human granulocyte-macrophage colony-stimulating factor on myelopoiesis in the acquired immunodeficiency syndrome, <i>N Engl J Med</i> 317, 593-598	
	A44	Grouard, G., Rissoan, MC., Filgueira, L., Durand, I., Banchereau, J. & Liu, Y.J. (1997). The enigmatic plasmacytoid T cells develop into dendritic cells with interleukin (IL)-3 and CD40-ligand <i>J Exp Med</i> 185, 1101-1111	
	A45	Groux H, Bigler M, de Vries YE, Roncarolo MG. (1996). Interleukin-10 induces a long-term antigen-specific anergic state in human CD4+ T cells. <i>J Exp Med</i> 184(1): 19-29	
	A46	Groux, H., O'Garra, A., Bigler, M., Rouleau, M., Antonenico, S., de Vries, J. E., and Roncarolo, M. G. (1997). A CD4+ T-cell subset inhibits antigen-specific T-cell responses and prevents colitis, <i>Nature</i> 389, 737-742	
	A47	Grumont, R., Hochrein, H., O'Keeffe, M., Gugasyan, R., White, C., Caminschi, L, Cook, W., and Gerondakis, S. (2001). c-Rel regulates interleukin 12 p70 expression in CD8(+) dendritic cells by specifically inducing p35 gene transcription, <i>J Exp Med</i> 194, 1021-1032	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ☐ PTO/SB/08A (08-00)



Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/524,539
				Filing Date	February 14, 2005
				First Named Inventor	Ranjeny THOMAS et al.
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	5	of	12	Attorney Docket Number	21415-0014US

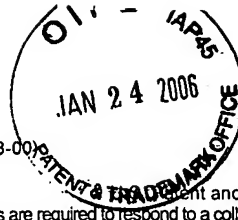
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A48	Hacker, G., Redecke, V. & Hacker, H. (2002). Activation of the immune system by bacterial CpG-DNA. <i>Immunology</i> 105, 245-251	
	A49	Hackstein, H., Morehi, A. E., Larregina, A. T., Ganster, R. W., Papworth, G. D., Logar, A. I., Watkins, S. C, Falo, L. D., and Thomson, A. W. (2001). Aspirin inhibits in vitro maturation and in vivo immunostimulatory function of murine myeloid dendritic cells, <i>J Immunol</i> 166, 7053-7062	
	A50	Hanninen, A., Martinez, N. R., Davey, G. M., Heath, W. R., and Han'ison, L. C. (2002) Transient blockade of CD40 ligand dissociates pathogenic from protective mucosal immunity, <i>J Clin Invest</i> 109, 261-267	
	A51	Hart DN, Fabre JW. (1981). Demonstration and characterization of Ia-positive dendritic cells in the interstitial connective tissues of rat heart and other tissues, but not brain. <i>J Exp Med</i> 154(2),347-361	
	A52	Hart DN, McKenzie IL. (1988). Isolation and characterization of human tonsil dendritic cells. <i>I Exp Med</i> 168(1), 157-170	
	A53	Hofer, S., Rescigno, M., Granucci, F., Citterio, S., Francolini, M., and Ricciardi-Castagnoli, P. (2001). Differential activation of NP-kappa B subunits in dendritic cells in response to Gram-negative bacteria and to lipopolysaccharide., <i>Microbes Infect</i> 3, 259-265	
	A54	Hill, A.D., Naama, H.A., Calvano, S.E. & Daly, J.M. (1995). The effect of granulocyte macrophage colony-stimulating factor on myeloid cells and its clinical applications. <i>J Leukoc Biol</i> 58, 634-642	
	A55	Hollander, G. A., Castigli, E., Kulbacki, R., Su, M., I\$urakoff, S. J., Gutierrez-Ramos, J. C., and Geha, R. S. (1996). Induction of alloantigen-specific tolerance by B cells from CD40- deficient mice, <i>Proc Natl Acad Sci U S A</i> 93, 4994-4998	
	A56	Huang, F. P., Platt, N., Wykes, M., Major, J. R., Powell, T. J., Jenkins, C. D., and MacPherson, G. G. (2000). A discrete subpopulation of dendritic cells transports apoptotic intestinal epithelial cells to T cell areas of mesenteric lymph nodes, <i>J Exp Med</i> 191,435-444	
	A57	Jonuleit, H., Schmitt, E., Schuler, G., Knop J., and Enk, A. H. (2000). Induction of interleukin 10-producing, non-proliferating CD4 T cells with regulatory properties by repetitive stimulation with allogeneic immature human dendritic cells, <i>J Exp Med</i> 192, 1213-1222	
	A58	Kaisho, T. & Akira. S. (2002). Toll-like receptors as adjuvant receptors. <i>Biochem Biophys Acta</i> 1589, 1-13	
	A59	Kamath, A.T., Pooley, J., O'Keeffe, M.A., Vremec, D., Zhan, Y. Lew, A.M., D'Amico, A., Wu, L., Tough, D.F. & Shortman, K. (2000). The development, maturation, and turnover rate of mouse spleen dendritic cell populations. <i>J Immunol</i> 165, 6762-6770	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ☐ PTO/SB/08A (08-00)



Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

+

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/524,539	
			Filing Date	February 14, 2005	
			First Named Inventor	Ranjeny THOMAS et al.	
			Group Art Unit	Unassigned	
			Examiner Name	Unassigned	
Sheet	6	of	12	Attorney Docket Number	21415-0014US

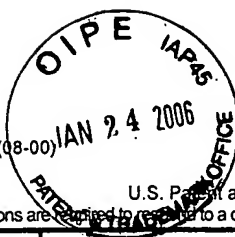
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A60	Kawabe, T., Naka, T., Yoshida, K., Tanaka, T., Fujiwara, H., Suematsu, S., Yoshida, N., Kishimoto, T., and Kikutani, H. (1994). The immune responses in CD40-deficient mice: impaired immunoglobulin class switching and germinal center formation, <i>Immunity</i> 1, 167-178	
	A61	Kirk, A. D. (2001). Hitting the reset button for immune tolerance, <i>Nat Med</i> 1, 24-25	
	A62	Koski, G.K., Lyakh, L.A., Cohen, P.A. & Rice, N.R. (2001). CD14+ monocytes as dendritic cell precursors: diverse maturation-inducing pathways lead to common activation of NF-kappaB/RelB. <i>Crit Rev Immunol</i> 21, 179-189	
	A63	Kumanogoh, A., Wang, X., Lee, I., Watanabe, C., Kamanaka, M., Shi, W., Yoshida, K., Sato, T., Habu, S., Itoh, M., et al. (2001). Increased T cell autoreactivity in the absence of CD40-CD40 ligand interactions: a role of CD40 in regulatory T cell development, <i>J Immunol</i> 166, 353-360	
	A64	Lawlor, K. E., Campbell, I. K., O'Donnell, K., Wu, L., and Wicks, I. P. (2001). Molecular and cellular mediators of interleukin-1-dependent acute inflammatory arthritis., <i>Arthritis Rheum</i> 44, 442-450	
	A65	Lee, J. I., Ganster, R. W., Geller, D. A., Burckart, G. J., Thomson, A. W., and Lu, L. (1999). Cyclosporine A inhibits the expression of costimulatory molecules on in vitro-generated dendritic cells: association with reduced nuclear translocation of nuclear factor kappa B, <i>Transplantation</i> 68, 1255-1263	
	A66	Loudovaris, M., Hansen, M., Suen, Y., Lee, SM., Casing, P. & Bender, J.G. (2001). Differential effects of autologous serum on CD34(+) or monocyte-derived dendritic cells. <i>J Hematother Stem Cell Res</i> 10, 569-578	
	A67	Lu L, Woo J, Rao AS, Li Y, Watkins SC, Qian S, Starzl TE, Demetris AJ, and Thomson AW. (1994). Propagation of dendritic cell progenitors from normal mouse liver using granulocyte/niacrophage colony-stimulating factor and their maturational development in the presence of type-1 collagen. <i>J Exp Med</i> 179, 1823-1834	
	A68	Lu, L., Li, W., Fu, F., Chambers, F. O., Qian, S., Fung, I. J., and Thomson, A. W. (1997). Blockade of the CD40-CD40 ligand pathway potentiates the capacity of donor-derived dendritic cell progenitors to induce long-term cardiac allograft survival, <i>Transplantation</i> 64, 1808-1815	
	A69	Lutz, M. B., Sun, R. M., Niimi, M., Ogilvie, A. L., Kulcusch, N. A., Rossner, S., Schuler, G., and Austyn, S. M. (2000). Immature dendritic cells generated with low doses of GM-CSF in the absence of IL-4 are maturation resistant and prolong allograft survival in vivo, <i>Eur J Immunol</i> 30, 1813-1822	
	A70	MacDonald, A. S., Patton, F. A., La Flamme, A. C., Araujo, M. I., Huxtable, C. R., Bauman, B., and Pearce, F. J. (2002a). impaired Th2 development and increased mortality during <i>Schistosoma mansoni</i> infection in the absence of CD40/CD154 interaction, <i>J Immunol</i> 168, 4643-4649	
	A71	MacDonald, A. S., Straw, A. D., Dalton, N. M., and Pearce, E. J. (2002b). Cutting edge: Th2 20 response induction by dendritic cells: a role for CD40, <i>J Immunol</i> 168, 537-540	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ☐ PTO/SB/08A (08-00)



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

7

of

12

Complete if Known

Application Number	10/524,539
Filing Date	February 14, 2005
First Named Inventor	Ranjeny THOMAS et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	21415-0014US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A72	MacDonald, K. P. A., Nishioka, N., Lipsky, P. F., and Thomas, R. (1997). Functional CD40-ligand is expressed by T cells in rheumatoid arthritis., J Clin invest 100, 2404-2414	
	A73	Mackensen, A., Herbst, B., Chen, J.L., Kohier, G., Noppen, C., Herr, W., Spagnoli, G.C., Cerundolo, V. & Lindemann, A. (2000). Phase I study in melanoma patients of a vaccine with peptide-pulsed dendritic cells generated in vitro from CD34(-1-) hematopoietic progenitor cells. Int J Cancer 86, 385-392	
	A74	Maloy, K. S., and Powrie, F. (2001). Regulatory T cells in the control of immunol pathology., Nat Immunol 2, 816-822.	
	A75	Marriott, I., Thomas, F. K., and Bost, K. L. (1999). CD40-CD40 ligand interactions augment survival of normal mice, but not CD40 ligand knockout mice, challenged orally with Salmonella dublin, Infect Immun 67, 5253-5257	
	A76	McIlroy D, Troadec C, Grassi F, Samri A, Barrou B, Autran B, Debre P, Feuillard and J, Hosmalin A. (2001). Investigation of human spleen dendritic cell phenotype and distribution reveals evidence of in vivo activation in a subset of organ donors. Blood 97, 3470-3477	
	A77	Mehling, A., Grabbe, S., Voskoit, M., Schwarz, T., Luger, T. A., and Beissert, S. (2000). Mycophenolate mofetil impairs the maturation and function of murine dendritic cells, J Immunol 165, 2374-2381	
	A78	Meliman, I., and Steinman, R. M. (2001). Dendritic cells: specialised and regulated antigen processing machines, Cell 106, 255-258	
	A79	Metcalf, D. & Burgess, A.W. (1982). Clonal analysis of progenitor cell commitment of granulocyte or macrophage production. J Cell Physiol, 111, 275-283	
	A80	Nakajima, A., Seroogy, C. M., Sandora, M. R., Tamer, I. H., Costa, G. L., Taylor-Edwards, C., Bachmann, M. H., Contag, C. H., and Fathman, C. G. (2001). Antigen-specific T cell- mediated gene therapy in collagen-induced arthritis, J Clin Invest 107, 1293-1301	
	A81	Nestle, F.O., Alijagic, S., Gilliet, M., Sun, Y., Grabbe, S., Dummer, R., Burg, G. & Schadendorf, is D. (1998). Vaccination of melanoma patients with peptide- or tumor lysate-pulsed dendritic cells. Nat Med 4, 328-332	
	A82	Neumann, M., Fries, H., Scheicher, C., Keikavoussi, P., Koib-Maurer, A., Brocker, B., Serfling, E., and Kampgen, F. (2000). Differential expression of Rel/NF-kappaB and octamer factors is a hallmark of the generation and maturation of dendritic cells, Blood 95, 277-285	
	A83	ODoherty, U., Peng, M., Gezeiter, S., Swiggard, W.J., Betjes, M., Bhardwaj, N. & Steinman, R.M. (1994). Human blood contains two subsets of dendritic cells, one immunologically mature and the other immature. Immunology 82, 487-493	

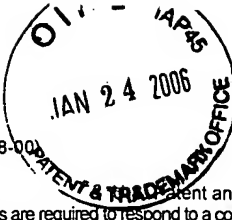
Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ☐ PTO/SB/08A (08-00)



Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/524,539
		Filing Date	February 14, 2005
		First Named Inventor	Ranjeny THOMAS et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet 8 of 12	Attorney Docket Number		21415-0014US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A84	O'Doherty, U., Steinman, R.M., Peng, M., Cameron, P.U., Gezelter, S., Kopeloff, I., Swiggard, W.J., Pope, W.I. & Bhardwaj, N. (1993). Dendritic cells freshly isolated from human blood express CD4 and mature into typical immunostimulatory dendritic cells after culture in monocyte-conditioned medium. <i>J Exp Med</i> 178, 1067-1078	
	A85	O'Sullivan, B. J., MacDonald, K. P., Pettit, A. R., and Thomas, R. (2000). RelB nuclear translocation regulates 13 cell MHC <i>molecule</i> , CD40 expression, and antigen-presenting cell function, <i>Proc Natl Acad Sci U S A</i> 97, 11421-11426	
	A86	O'Sullivan, B. J., and Thomas, R. (2002). CD40 Ligation conditions dendritic cell antigen-presenting function through sustained activation of NF-kappaB, <i>J Immunol</i> 168, 5491-5498	
	A87	Ouaaz, F., Anon, J., Zheng, Y., Choi, Y., and Beg, A. A. (2002). Dendritic cell development and survival require distinct NF-kappaB subunits, <i>Immunity</i> 16, 257-270	
	A88	Ozaki, M. E., Coren, B. A., Huynh, T. N., Redondo, D. J., Kikutani, H., and Webb, S. R. (1999). CD4+ T cell responses to CD40-deficient APCs: defects in proliferation and negative selection apply only with B cells as APCs, <i>J Immunol</i> 163, 5250-5256	
	A89	Padigel, U. M., Perrin, P. J., and Farrell, I. P. (2001). The development of a Th1-type response and resistance to Leishmania major infection in the absence of CD40-CD40L costimulation, <i>J Immunol</i> 167, 5874-5879	
	A90	Pal, S., O'Sullivan, B. J., Cooper, L., Thomas, R., and Khanna, K (2002). RelB nuclear translocation mediated by C-terminal activator regions of Epstein-Ban virus-encoded latent membrane protein 1 and its effect on antigen-presenting function in B cells, <i>J Virol</i> 76, 914-1921	
	A91	Pavli F, Woodhams CE, Doe WF, Hume DA. (1990). Isolation and characterization of antigen-presenting dendritic cells from the mouse intestinal lamina propria. <i>Immunology</i> 70(1), 40-47	
	A92	Peguet-Navarro, J., Dalbiez-Gauthier, C., Rattis, F.M., Van Kooten, C., Banchereau, I. & Schmitt, D (1995). Functional expression of CD40 antigen on human epidermal Langerhans cells. <i>J Immunol</i> 155, 4241-4247	
	A93	Pettit, A. R., MacDonald, K. P. A., O'Sullivan, B., and Thomas, R. (2000). Differentiated dendritic cells expressing nuclear RelB are predominantly located in rheumatoid synovial tissue perivascular mononuclear cell aggregates, <i>Arthritis Rheum</i> 43, 791-800	
	A94	Pettit, A. R., Quinn, C., MacDonald, K. P., Cavanagh, L. L., Thomas, G., Townsend, W., Handel, M., and Thomas, R. (1997). Nuclear localization of RelB is associated with effective antigen-presenting cell function, <i>J Immunol</i> 159, 3681-3691	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ☐ PTO/SB/08A (08-00)



Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 9 of 12

Complete if Known

Application Number	10/524,539
Filing Date	February 14, 2005
First Named Inventor	Ranjeny THOMAS et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	21415-0014US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A95	Pierce, J. W., Schoenleber, R., Jesmok, O., Best, S., Moore, S. A., Collins, T., and Gerritsen, M. E. (1997). Novel inhibitors of cytokine-induced IkappaBalpha phosphorylation and endothelial cell adhesion molecule expression show anti-inflammatory effects in vivo, J Biol Chem 272, 21096-21103	
	A96	Pulendran, B., Banachereau, S., Burkeholder, S., Kraus, E., Guinet, E., Chalouni, C., Caron, D., Maliszewski, C., Davoust, S., Fay, S. & Palucka, K. (2000) F113-ligand and granulocyte colony-stimulating factor mobilize distinct human dendritic cell subsets in vivo. J Immunol 165, 566-572	
	A97	Rawson F, Hennans IF, Buck SF, Roberts JM, Pircher H, Ronchese F. (2000). Immunotherapy with dendritic cells and tumor major histocompatibility complex class I-derived peptides requires a high density of antigen on tumor cells. Cancer Res 60(16). 4493-4498	
	A98	Rescigno, M., Martino, M., Sutherland, C. L., Gold, M. R., and Ricciardi-Castagnoli, P. (1998). Dendritic cell survival and maturation are regulated by different signaling pathways, J Exp Med 188, 2175-2180	
	A99	Ridge, J. P., Di Rosa, F., and Matzinger, P. (1998). A conditioned dendritic cell can be a temporal bridge between a CD4 ⁺ T-helper and T-killer cell, Nature 393, 474-478	
	A100	Rissoan, M.C., Soumelis, V., Kadowaki, N., Grouard, G., Briere, F., de Waal Malefyt, R. & Un, Y.J. (1999) Reciprocal control of T helper cell and dendritic cell differentiation. Science 283, 1183-1186	
	A101	Roncarolo, M.-G., and Levings, M. K. (2000). The role of different subsets of T regulatory cells in controlling autoimmunity, Curr Opin Immunol 12,676-683	
	A102	Robinson, S., Mosley, R.L., Parajuli, P., Pisarev, V., Sublet, J., Ulrich, A. & Talmadge, J. (2000). Comparison of the hematopoietic activity of flt-3 ligand and granulocyte-macrophage colony-stimulating factor acting alone or in combination. J Hematother Stem Cell Res 9, 711-720	
	A103	Romani, N., Gruner, S., Brang, D., Kampgen, E., Lenz, A., Trockenbacher, B., Konwalinka, U., Fritsch, P.O., Steinman, Rivi. & Schuler, U. (1994). Proliferating dendritic cell progenitors in human blood. J Exp Med 180, 83-93	
	A104	Romani, N., Reider, D., Heuer, M., Ebner, O., Kampgen, F., Eibl, B., Niederwieser, D. & Schuler, U. (1996) Generation of mature dendritic cells from human blood, An improved method with special regard to clinical applicability. J Immunol Meth 196, 137-151	

Examiner
Signature

Date
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ☐ PTO/SB/08A (08-00)



Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 10 of 12

Complete if Known

Application Number	10/524,539
Filing Date	February 14, 2005
First Named Inventor	Ranjeny THOMAS et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	21415-0014US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A105	Roncarolo, M.-G., Levings, M. K., and Traversari, C. (2001). Differentiation of T regulatory cells by immature dendritic cells, <i>J Exp Med</i> 193, F5-F9	
	A106	Sakata, A., Salcata, K., Ping, H., Ohmura, T., Tsukano, M., and Kakimoto, K. (1996). Successful induction of severe destructive arthritis by the transfer of in vitro-activated synovial fluid T cells from patients with rheumatoid arthritis (RA) in severe combined immunodeficient (SCID) mice, <i>Clin Exp Immunol</i> 104, 247-254	
	A107	Sander, B., Andersson, I., and Andersson, U. (1991). Assessment of cytokines by immunofluorescence and the paraformaldehyde-saponin procedure, <i>Immunol Rev</i> 119, 65-93	
	A108	Schulz, O., Edwards, D. A., Schito, M., Aliberti, J., Manickasingham, S., Sher, A., and Reis e Sousa, C. (2000). CD40 triggering of heterodimeric IL-12 p70 production by dendritic cells in vivo requires a microbial priming signal., <i>Immunity</i> 13, 453-462	
	A109	Sha, W. C., Liou, H. C., Tuomanen, E. I., and Baltimore, D. (1995). Targeted disruption of the p50 subunit of NF-kappa B leads to multifocal defects in immune responses, <i>Cell</i> 80, 321-330	
	A110	Sorg, R.V., Andres, S., Kogler, G., Fischer, J. & Wernet, P. (2001). Phenotypic and functional comparison of monocytes from cord blood and granulocyte colony-stimulating factor-mobilized apheresis products. <i>Exp Hematol</i> 29, 1289-1294	
	A111	Steinbrink, K., Wolff, M., Jonuleit, H., Knop, J., and Enk, A. (1997). Induction of tolerance by IL-10-treated dendritic cells, <i>J Immunol</i> 159, 4772-4780	
	A112	Strobl, H., Bello-Fernandez, C., Riedl, F., Pickl, W.F., Majdic, O., Lyman, S.D. & Knapp, W. (1997a). flt3 ligand in cooperation with transforming growth factor-B1 potentiates in vitro development of Langerhans-type dendritic cells and allows single-cell dendritic cell cluster formation under serum-free conditions. <i>Blood</i> 90, 1425-1434	
	A113	Strobl, H., Riedl, E., Scheinecker, C., Echio-Fernandez, C., Pickl, W.F., Majdic, O. & Knapp W. (1997b). TGF-beta 1 dependent generation of LAG-f dendritic cells from CD34+ progenitors in serum-free medium. <i>Adv Exp Med Biol</i> 417, 161-165	
	A114	Strobl, H., Riedl, F., Scheinecker, C., Bello-Fernandez, C., Pickl, W.F., Rappersberger, K., Majdic, O. & Knapp, W. (1996). TGF-beta I promotes in vitro development of dendritic cells from CD34+ hemopoietic progenitors. <i>J Immunol</i> 157, 1499-1507	
	A115	Subauste, C. S., Wessendarp, M., Sorensen, R. U., and Leiva, L. E. (1999). CD40-CD40 ligand interaction is central to cell-mediated immunity against <i>Toxoplasma gondii</i> : patients with hyper IgM syndrome have a defective type 1 immune response that can be restored by soluble CD40 ligand trimer, <i>J Immunol</i> 162, 6690-6700	
	A116	Thomas, R., Davis, L.S. & Lipsky, P.E. (1993a). Isolation and characterization of human peripheral blood dendritic cells. <i>J Immunol</i> 150, 821-834	

Examiner
Signature

Date
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ☐ PTO/SB/08A (08-00)



Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/524,539
				Filing Date	February 14, 2005
				First Named Inventor	Ranjeny THOMAS et al.
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	11	of	12	Attorney Docket Number	21415-0014US

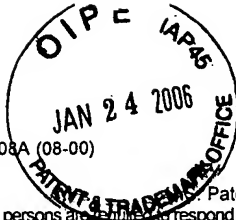
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A117	Thomas, R., Davis, L.S. & Lipskv, P.E. (1993b). Comparative accessory cell function of human peripheral blood dendritic cells and monocytes. J Immunol 151(12), 6840-6852	
	A118	Thomas, R., Davis, L.S. & Lipsky, P.E. (1994a). Rheumatoid synovium is enriched in mature antixen-presenting dendritic cells. J Immunol 152, 2613-2623	
	A119	Thomas, R. & Lipsky, PB. (1994). Human peripheral blood dendritic cell subsets: Isolation and characterization of precursor and mature antigen-presenting cells. J Immunol 153, 4016-4028	
	A120	Thompson, A. G., Pettit, A. R., Padmanabha, S., Mansfield, H., Frazer, I. H., Stnitton, G. M., and Thomas, R. (2002). Nuclear RelB+ cells are found in normal lymphoid organs and in peripheral tissue in the context of inflammation, but not under normal resting conditions. Immunol Cell Biol 80, 164-169	
	A121	Thurner, I3., Roder, C., Dieclanann, D., Heuer, M., Kruse, M., Glaser, A., Keikavoussi, P., Kampgen, B., Bender, A. & Schuler, G. (1999). Generation of large numbers of filly mature and stable dendritic cells from leukapheresis products for clinical application. J Immunol Methods 223, 1-15	
	A122	van den Berg WB, van Beusekom HJ, van de Putte LB, Zwarts WA, van der Sluis M. (1982). Antigen handling in antigen-induced arthritis in mice: an autoradiographic and immunofluorescence study using whole joint sections. Am J Pathol 108, 9-16	
	A123	Vremec, D. & Shortnian, K. (1997). Dendritic cell subtypes in mouse lymphoid organs. Cross-correlation of surface markers, changes with incubation, and differences among thymus, spleen, and lymph nodes. J Immunol 159, 565-573	
	A124	Vremec D, Pooley J, Hochrein H, Wu L, and Shortman K. (2000). CD4 and CDS expression by dendritic cell subtypes in mouse thymus and spleen. J Immunol 164, 2978-2986	
	A125	Vuekovic, S., Fearnley, D.B., Mannering, S.I., Dekker, J., Whyte, L.F. & Hart, D.N. (1998). Generation of CMRF-44+ monocyte-derived dendritic cells: insights into phenotype and function. Exp Hematol 26, 1255-1264	
	A126	Weih, F., Carrasco, D., Durham, S. K., Barton, D. S., Rizzo, C. A., Ryseck, R. P., Lira, S. A., and Bravo, R. (1995). Multiorgan inflammation and hematopoietic abnormalities in mice with a targeted disruption of RelB, a member of the NF-kappa B/Rd family, Cell 80, 33 1-340	
	A127	Weih, F., Warr, G., Yang, H., and Bravo, R. (1997). Multifocal defects in immune responses in RelB-deficient mice, J Immunol 158, 5211-5218	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ☐ PTO/SB/08A (08-00)



Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are to respond to a collection of information unless it contains a valid OMB control number

+

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/524,539
				Filing Date	February 14, 2005
				First Named Inventor	Ranjeny THOMAS et al.
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	12	of	12	Attorney Docket Number	21415-0014US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A128	Wu, L., A. D. A., Winkel, K. D., Suter, M., Lo, D., and Shortman, K. (1998). RelB is essential for the development of myeloid-related CD8alpha- dendritic cells but not of lymphoid-related CD8alpha+ dendritic cells, <i>Immunity</i> 9. 839-847	
	A129	Yoshimura, S., Bondeson, J., Foxwell, B. M., Brennan, F. M., and Feldmann, M. (2001). Effective antigen presentation by dendritic cells in NF-kappaB dependent coordinate regulation of MHC, costimulatory molecules and cytokines, <i>Int Immunol</i> 13, 675-683	
	A130	Zheng, Z., Takahashi, M., Narita, M., Toba, K., Liu, A., Furukawa, T., Koike, T. & Aizawa, Y. (2000). Generation of dendritic cells from adherent cells of cord blood by culture with granulocyte-macrophage colony-stimulating factor, interleukin-4, and tumor necrosis factor-alpha. <i>J Hematother Stem Cell Res</i> 9. 453-464	
	A131	Zhou, P, and Seder, R. A. (1998). CD40 ligand is not essential for induction of type 1 cytokine responses or protective immunity after primary or secondary infection with histoplasma capsulatum, <i>J Exp Med</i> 187, 1315-1324	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.